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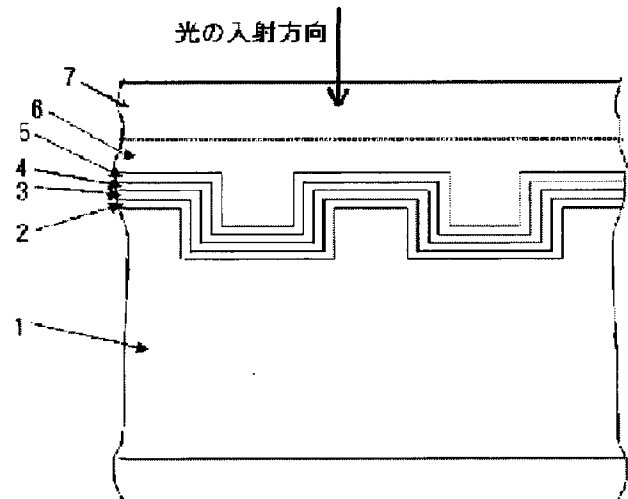
APPLICANT : RICOH CO LTD;

INVENTOR : SHINOZUKA MICHIAKI;

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TITLE : INFORMATION RECORDING MEDIUM

PH NL 031297	MAT. DOSSIER
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ABSTRACT : PROBLEM TO BE SOLVED: To provide an optical recording medium which has a phase transition type recording layer and has a good recording sensitivity, high density and high amplitude (high modulation) in correspondence to high-speed recording.

SOLUTION: The optical recording medium is formed by laminating a reflection layer 2, a first protective layer 3, the recording layer 4 and a second protective layer 5 in this order on a substrate 1, in which the second protective layer 5 consists of a mixture composed of ZnS and SiO₂; the recording layer consists of Ge, Sb and Te as chief component elements; the reflection layer consists of Al alloy, an adhesive layer and a cover layer 6 are formed on the second protective layer 5, the first protective layer 3 consists of two layers; the mixture layer composed of the ZnS and SiO₂ and the AlN layer is formed on the reflection layer side.

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